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008211-67992260

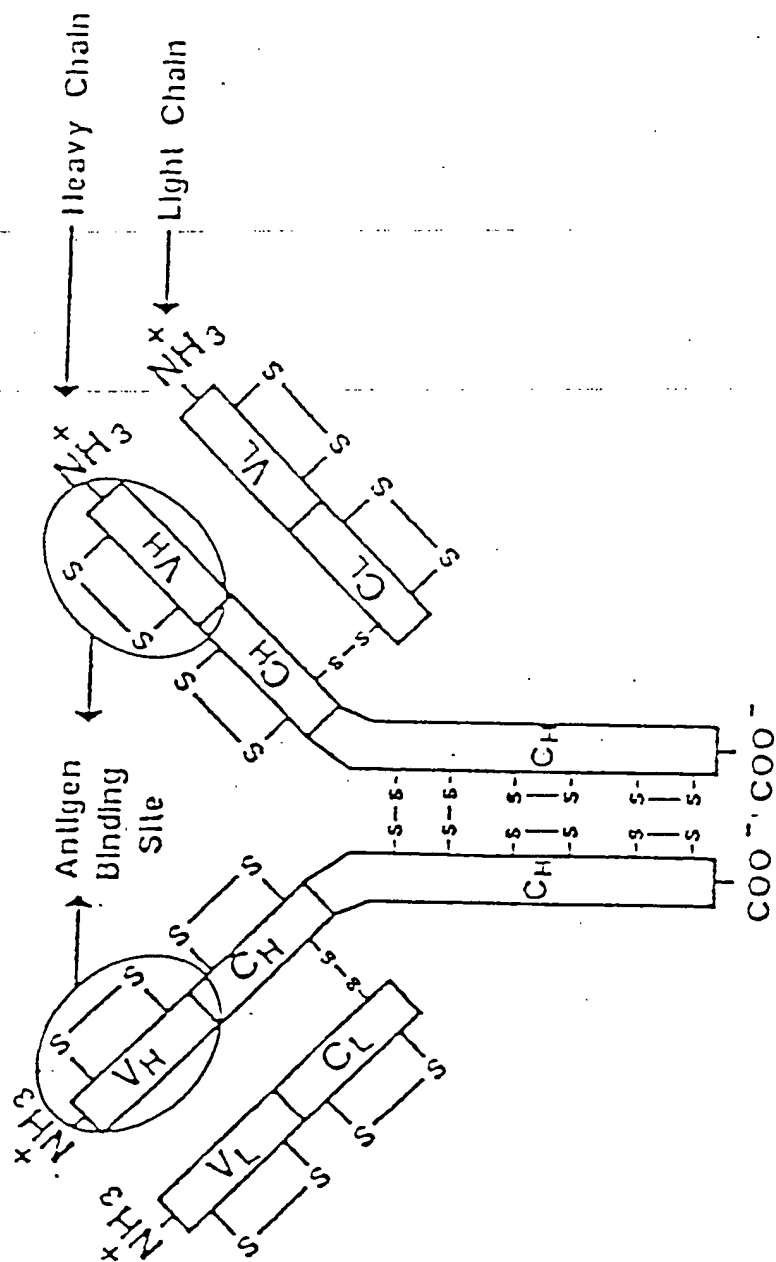
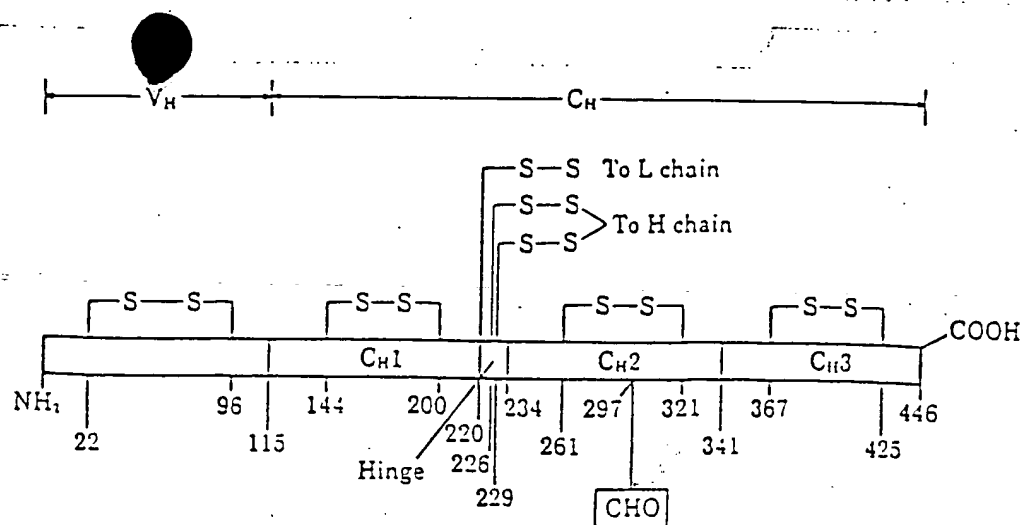


FIGURE 1

A



B

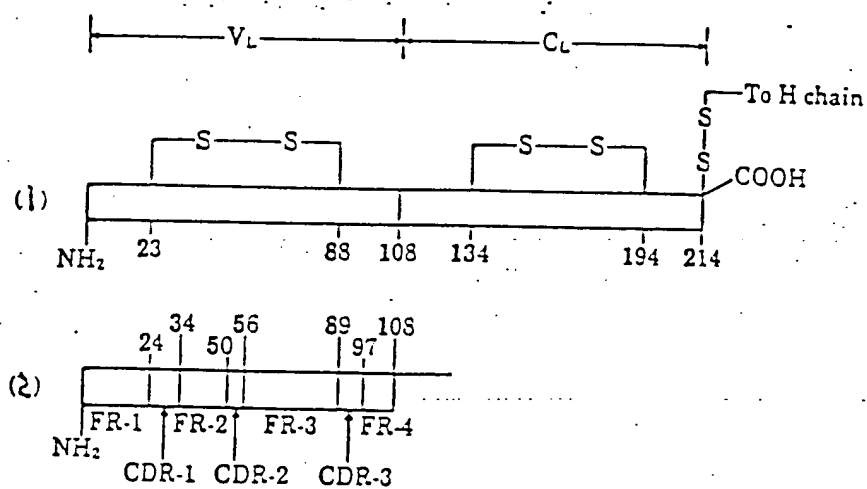


FIGURE 2

00725649-112800

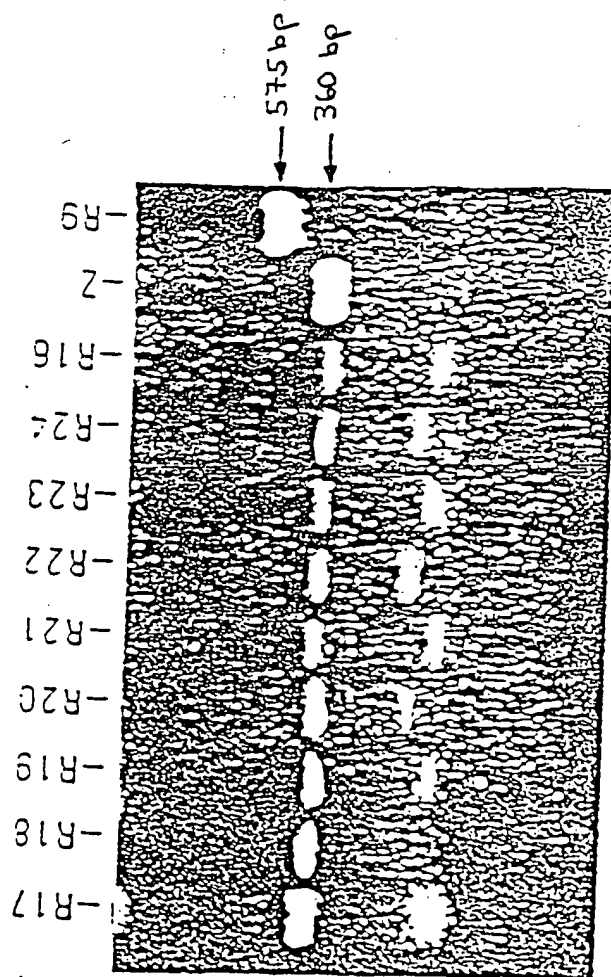
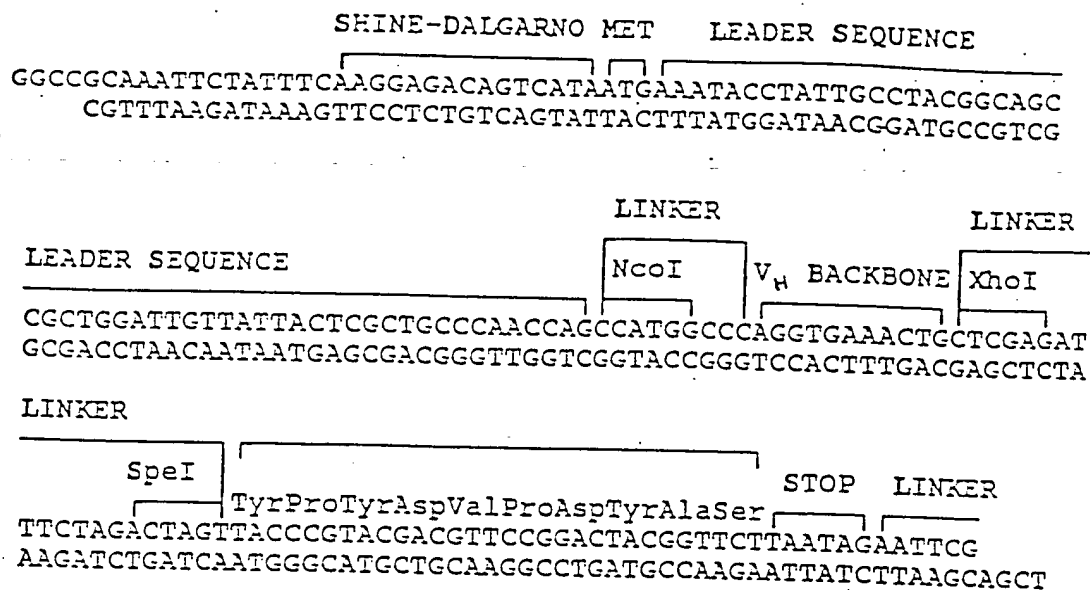


FIGURE 4

A

V_g EXPRESSION VECTOR:

B

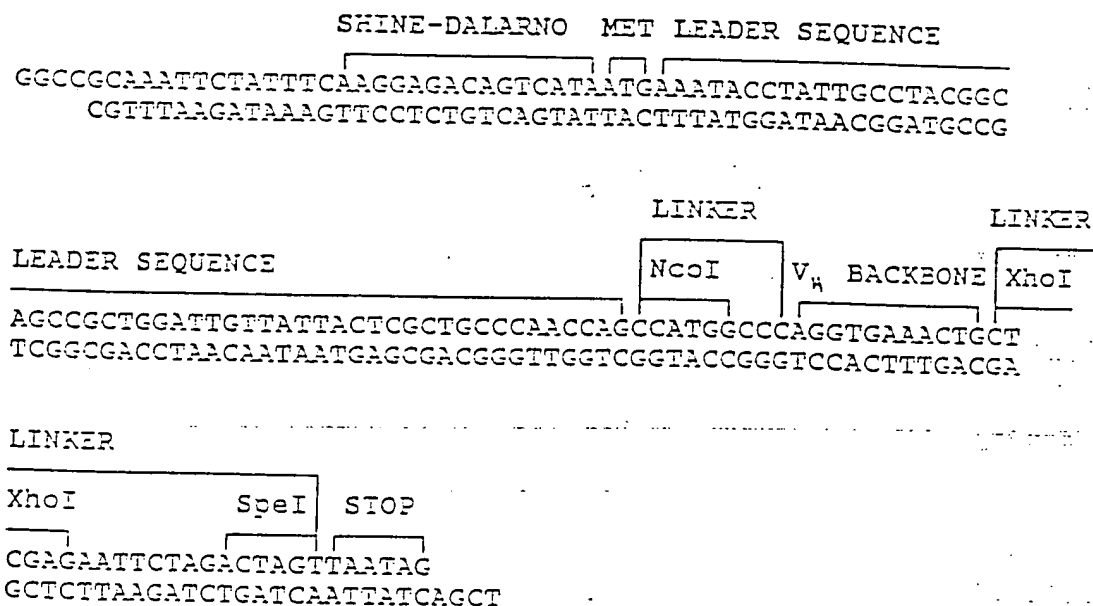
V_g EXPRESSION VECTOR:

FIGURE 6

00726649-12800

Heavy Chain Vector

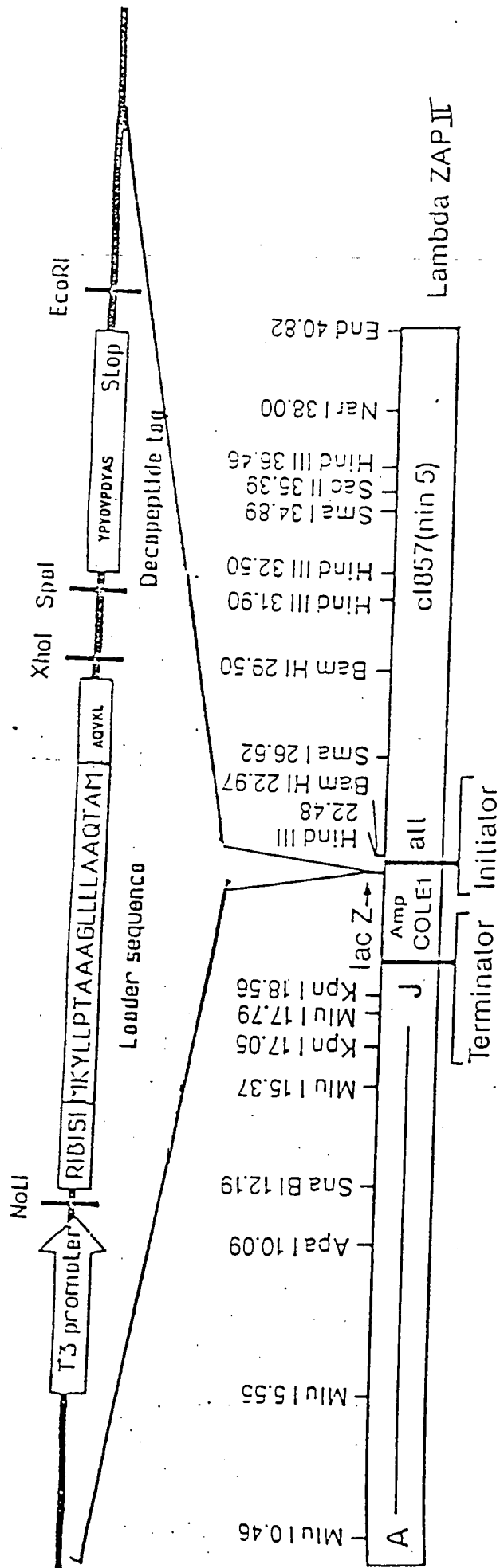


FIGURE 7

Light Chain Vector

003211-07992260

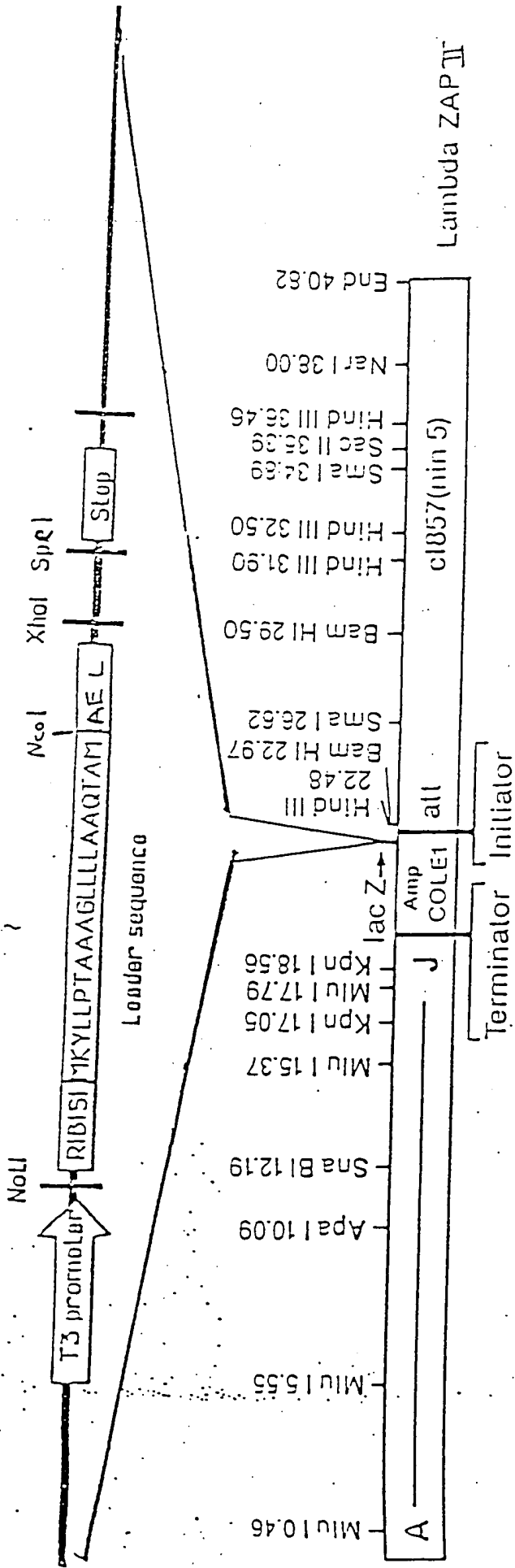


FIGURE 8

000001-07992260

Light Chain Vector

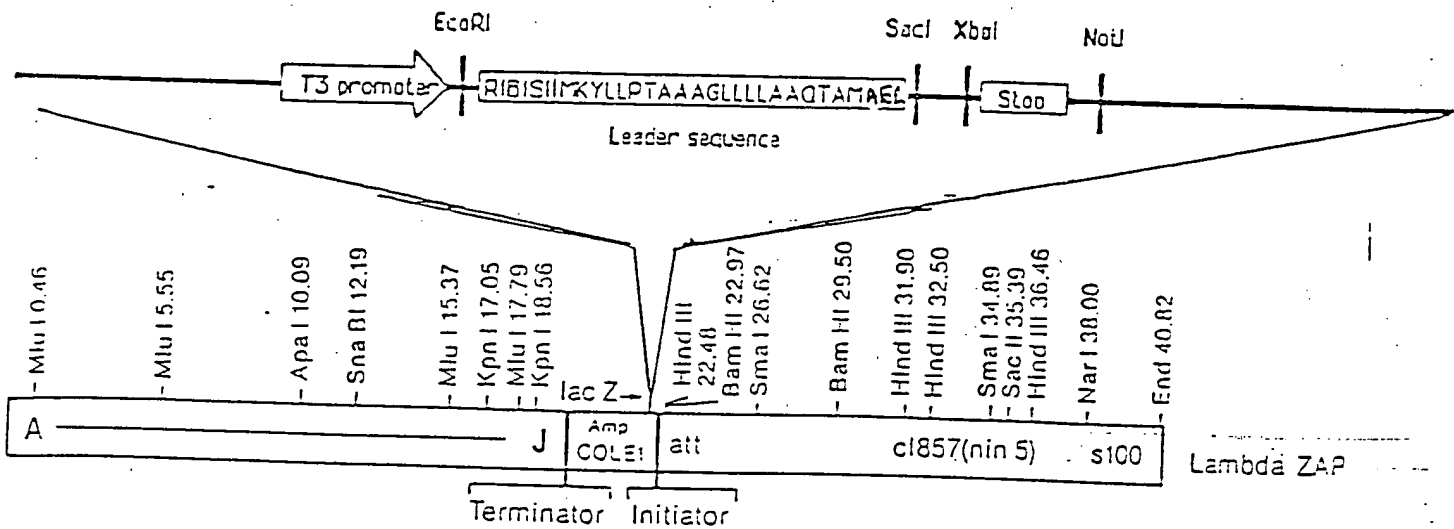


FIGURE 9

EcoR I SHINE-DALGARNO MET LEADER SEQUENCE
 TGAATTCTAAACTAGTCGCCAAGGAGACAGTCATAATGAAATACCTATTGCCTACGGCA
 TCGAACTTAAGATTTGATCAGCGGTTCTCTGTCTAGTATTACTTTATGGATAACGGATGCCGT

LEADER SEQUENCE Nco I Sac I Xba I
 GCCGCTGGATTGTTATTACTCGCTGCCCAACCAGCCATGGCCGAGCTCGTCAGTTCTAGAGT
 CGGCGACCTAACAATAATGAGCGACGGGTTGGTCGGTACCGGCTCGAGCAGTCAAGATCTCA

Not I
 TAAGCGGCCG
 ATTCGCCGGCAGCT

00821-6459260

FIGURE 10

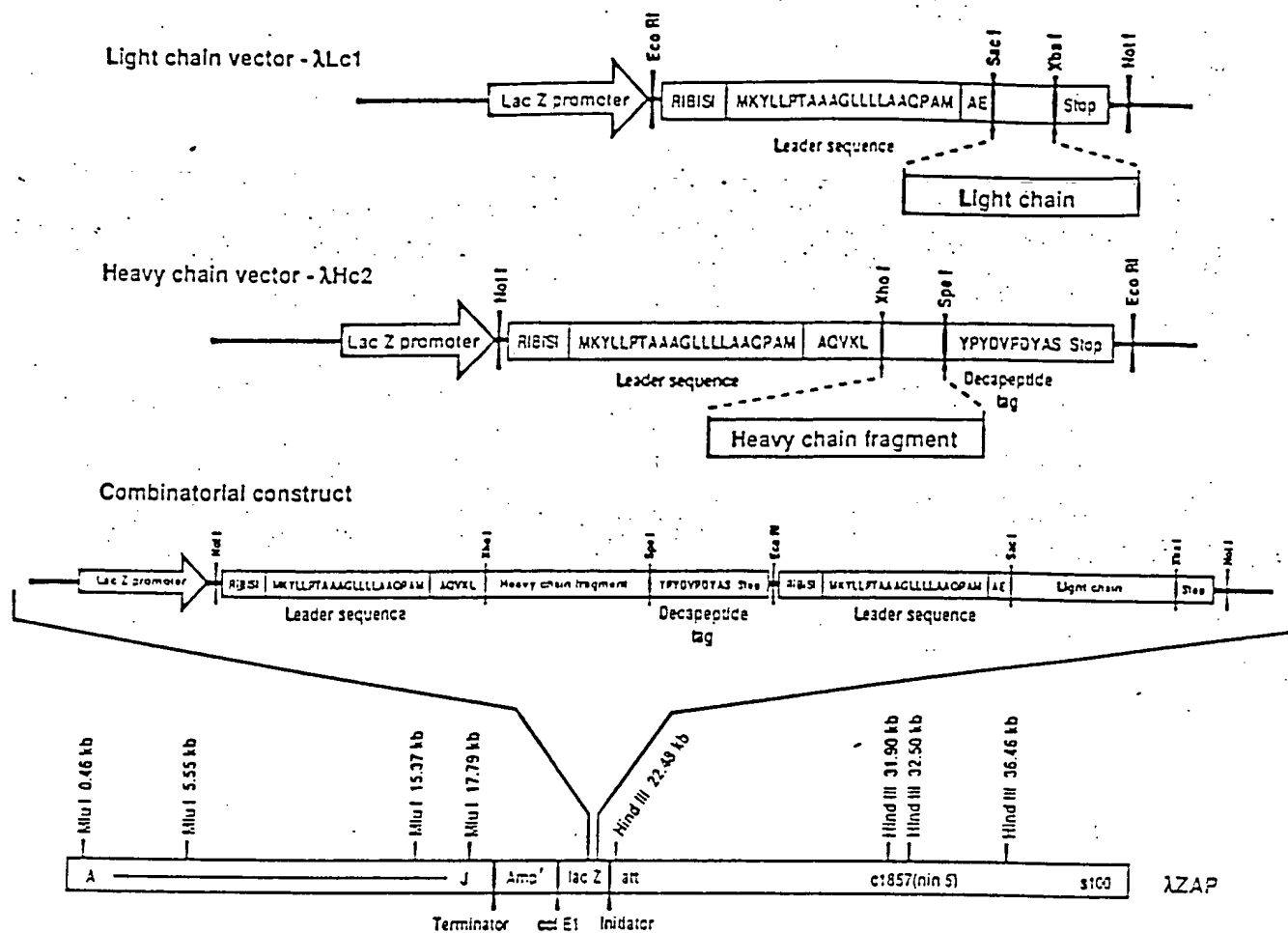


FIGURE 11

FIGURE 12

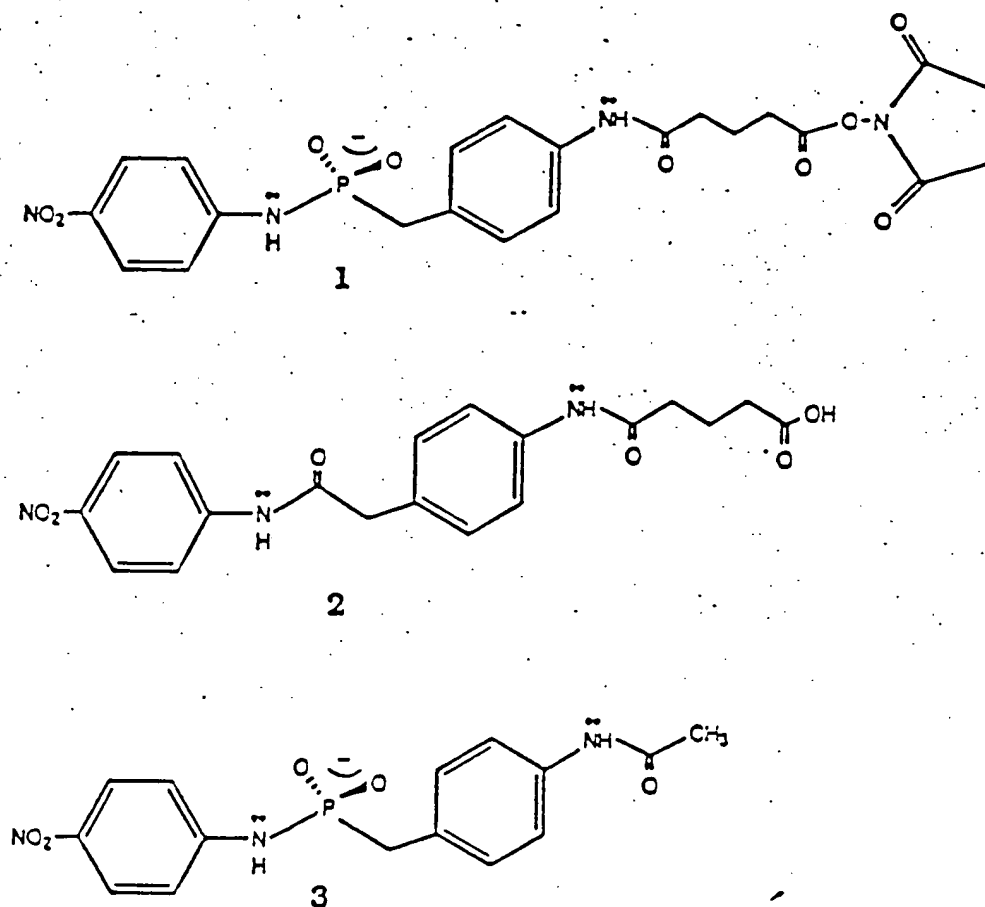


FIGURE 13

003211-61992260

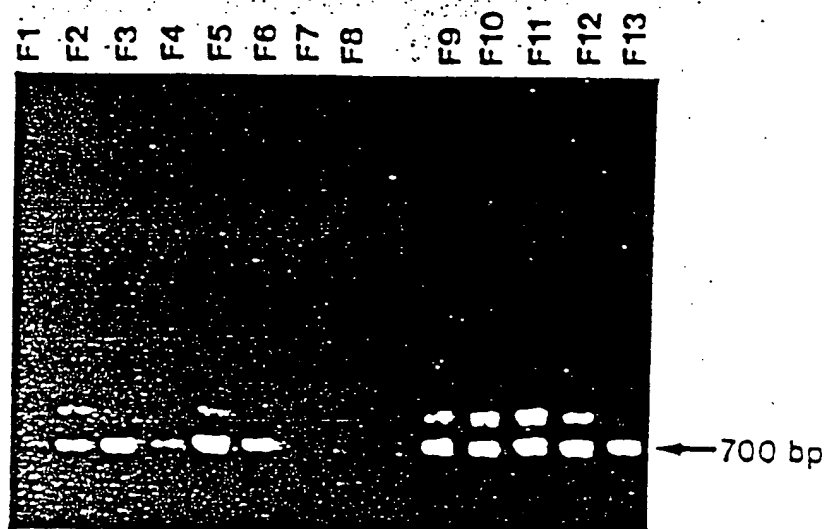


FIGURE 14

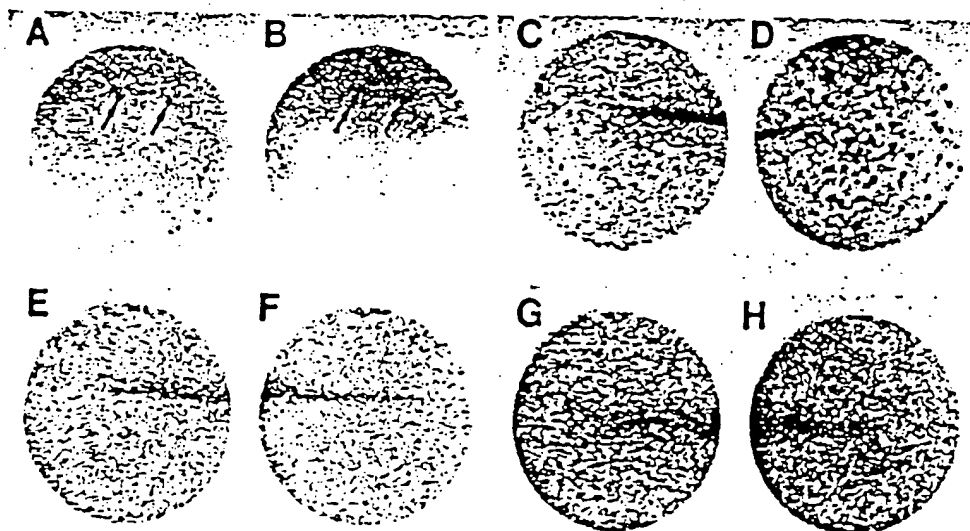


FIGURE 15

00726649-112800

00726640-11200

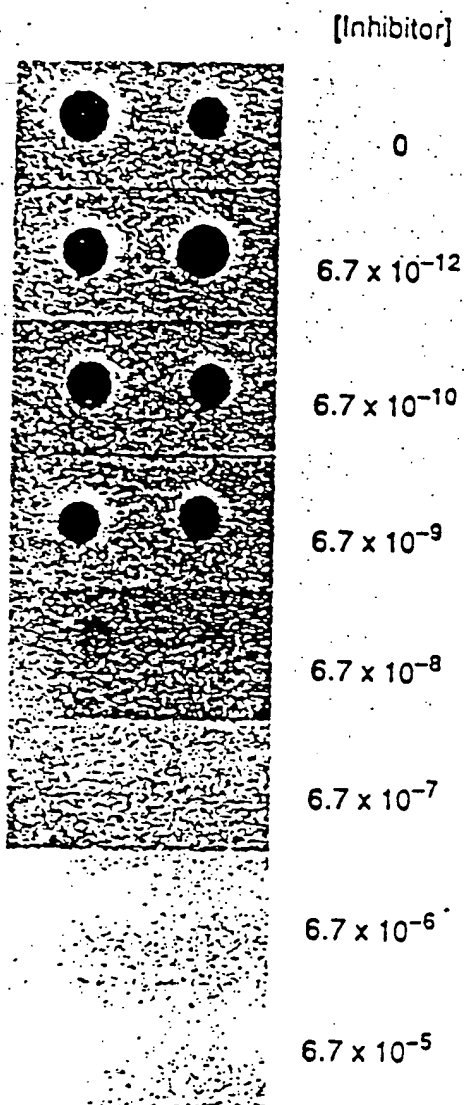


FIGURE 16

000000-07932460

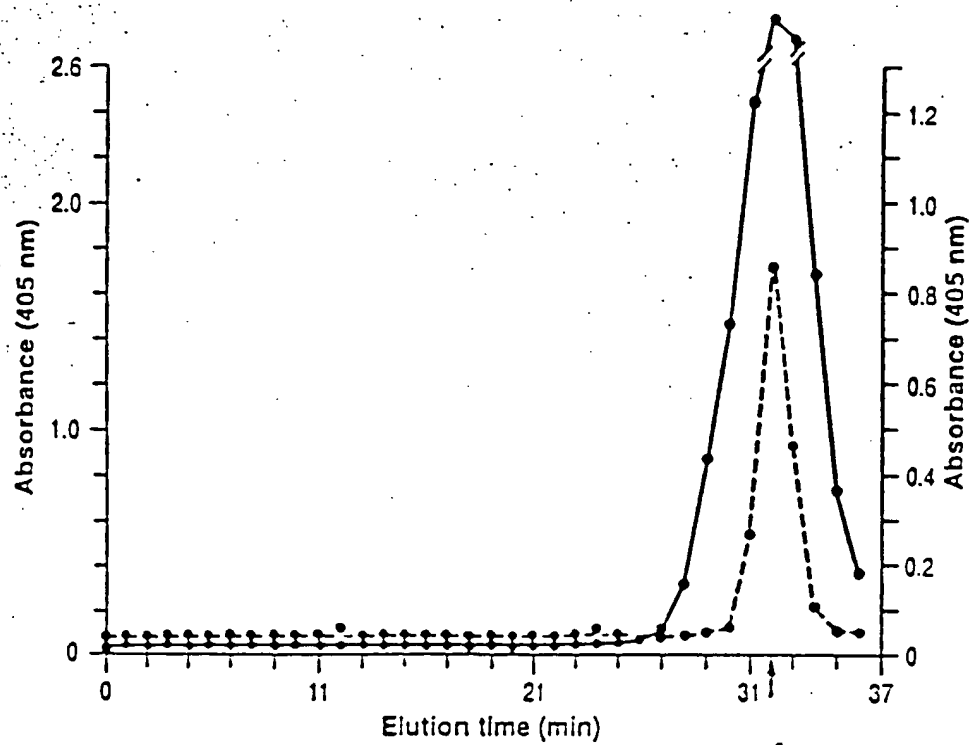


FIGURE 17

A

SupF

5' TCGAGCGCCGATCCGCTTCCCGATAAGGGAGCAGGCCAGTAAAAGCATTA
3' CGCGGCTAGGCGAAGGGCTATTCCCTCGTCCGGTCATTTTCGTAAT

CCTGTGGTGGGGTTCCCGAGCGGCCAAAGGGAGCAGACTCTAAATCTGCC
GGACACCACCCAAGGGCTCGCCGGTTTCCCTCGTCTGAGATTTAGACGG

GTCATCGACTTCGAAGGTTCGAATCCTTCCCCCACCACCATCACTTTCAA
CAGTAGCTGAAGCTTCCAAGCTTAGGAAGGGGGTGGTGGTAGTGAAAGTT

AAGTCCGACTAGTTACCCGTACGACGTTCCGGACTACGCTTCTTAATAG 3'
TTCAGGCTGATCAATGGGCATGCACGAAGGCCTCATGTGAAGAATTATCTTAA 5'

0072640-1800

SupF

5' CGCCCGATCCGCTTCCCGATAAGGGAGCAGGCCAGTAAAAGCATTACCTG
3' TCGTGCGGGCTAGGCGAAGGGCTATTCCCTCGTCCGGTCATTTTCGTAATGGAC

TGGTGGGGTTCCCAGCGGCCAAAGGGAGCAGACTCTAAATCTGCCGTCA
ACCACCCAAGGGTCCGCGGTTTCCCTCGTCTGAGATTTAGACGGCAGT

TCGACTTCGAAGGTTCGAATCCTTCCCCCACCACCATCACTTTCAAAGT
AGCTGAAGCTTCCAAGCTTAGGAAGGGGGTGGTGGTAGTGAAAGTTTCA

CCGACTAGGGCCT 3'
GGCTGATCCCGGAGATC 5'

FIGURE 18

000001-07552200

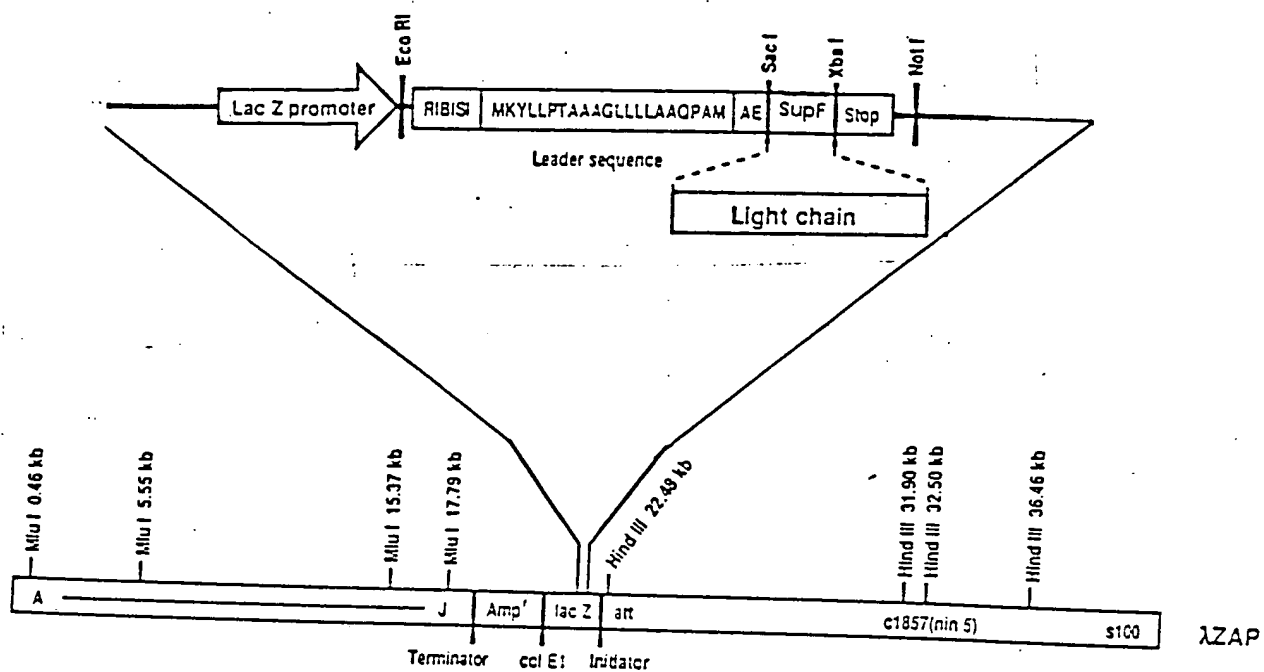


FIGURE 19A

000001-07992260

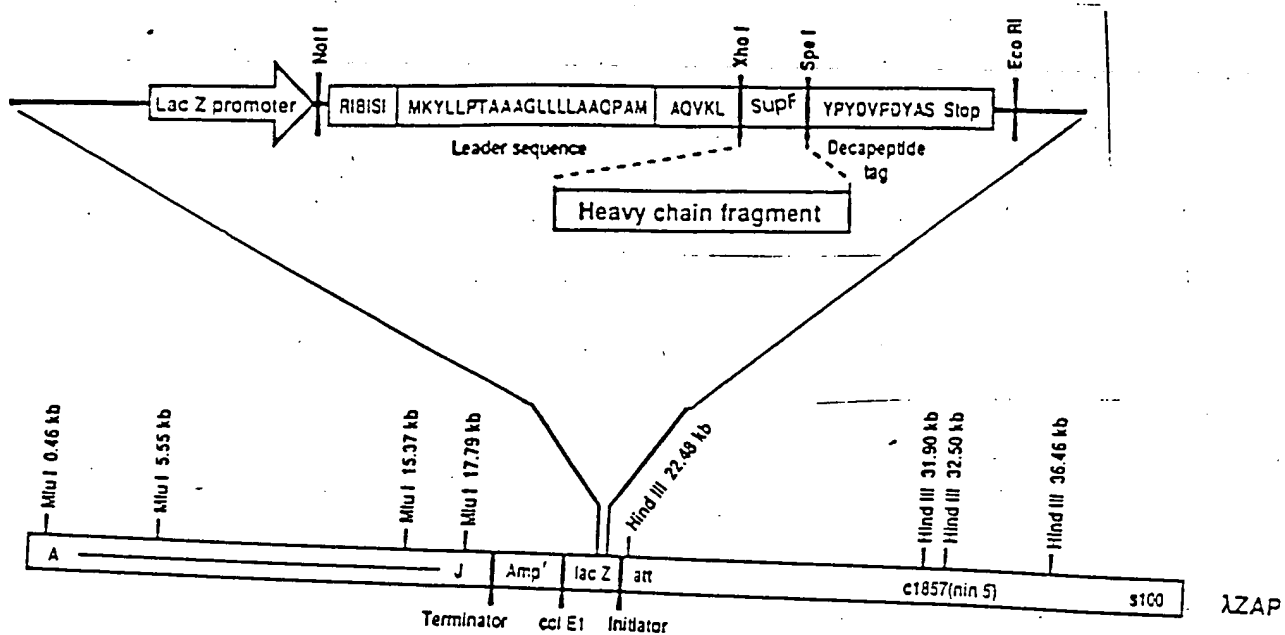


FIGURE 19B

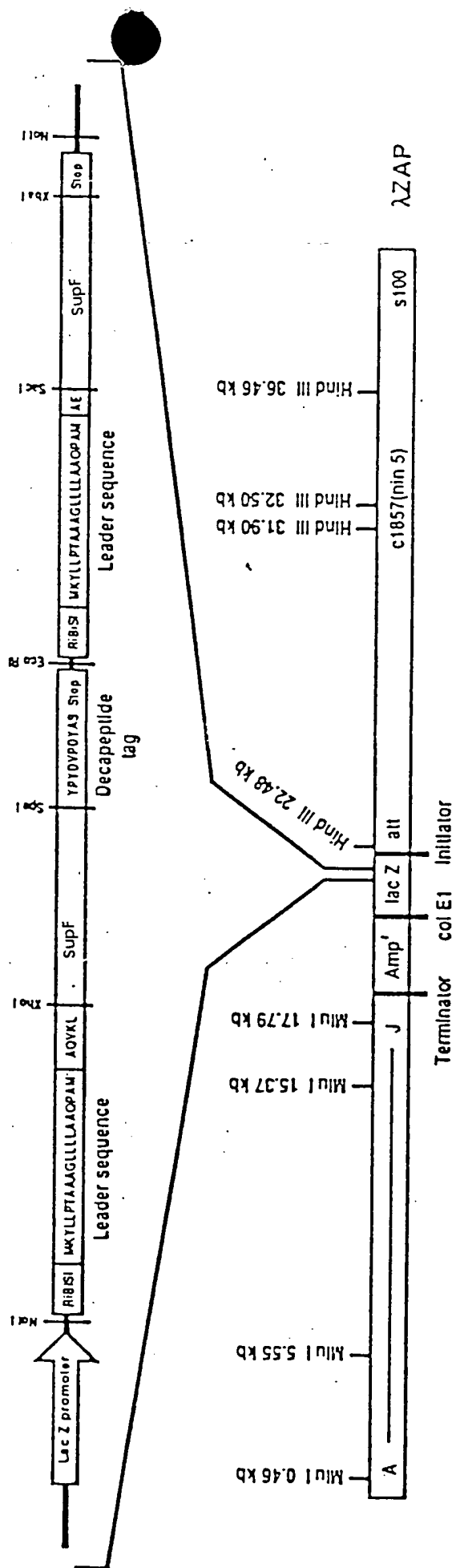


FIGURE 20